

Umetco Minerals Corporation



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

OCT 6 1986

Mr. J. T. Frost

October 2, 1986

Mr. C. T. Wentzel
Stratcor
P. O. Box 66
Niagara Falls, NY 14302

Subject. Decontamination of Plant and Disposal of Radioactive Waste

Dear Craig:

I am enclosing a copy of the manifest I received from Barnwell Waste Management Facility (Attachment 1). This acknowledges receipt and disposal of the nineteen 55-gallon drums of radioactive slag and soil from No. 30 Furnace and the one 55-gallon drum containing the radioactive samples from the Globar area. The area immediately adjacent to No. 30 Furnace has been backfilled with crushed stone. An invoice from Dube Construction Company (Attachment 2) requesting payment for the completed job is enclosed.

The low level radioactive ilmenite from the pit in Building 24 and the low level radioactive slag, both of which contained less than .05% combined uranium and thorium, were disposed of by Chemical Waste Management, Inc. on June 18, 19 and 20. Copies of the respective invoices (Attachments 3 and 4) are enclosed. The pit in Building 24 was backfilled with crushed stone by Dube Construction Company on May 21 and 22. The invoice for the completed work (Attachment 5) is enclosed.

This concludes the removal of radioactive material and decontamination of the area within the Niagara Plant. This fulfills Item 1 of Exhibit E, Environmental Agreement (Niagara Falls) between Umetco Minerals and Strategic Minerals Corporation which reads:

(1) "Plant Buildings. Umetco further agrees to assume the cost of decontaminating the three areas of the plant which have been determined to be radioactive based upon Umetco's radiation survey of the plant."

UCCNHT0002381

Page 2
October 1, 1986

Would you and Dr. Miller, as members of the Stratcor Environmental Coordination Committee for the Niagara Plant, acknowledge acceptance by signing the second copy of this letter and returning it to me.

Very truly yours,


Donald J. Hansen

ACCEPTED

STRATCOR

By _____

Title _____

By _____

Title _____

/mau
Enclosures

cc Messrs
W. G. Beattie
☒ J. F. Frost
T. J. Kagetsu
F. V. McMillen
D. G. Millenbruch
R. L. Miller

UCCNHT0002382

(1) GENERATOR NAME Umetco Minerals Corp
ADDRESS 137 47th Street

CITY Niagra Falls STATE NY
CONTACT DJ Hansen PHONE 286-4028

(2) consigned to
CHEM NUCLEAR SYSTEMS INC
PO BOX 726 OSBORN ROAD
BARNWELL SC 29812

BARNWELL WASTE MANAGEMENT FACILITY

Operated by CHEM NUCLEAR SYSTEMS INC
P O Box 726 Barnwell South Carolina 29812
(803) 259 1781
RADIOACTIVE SHIPMENT MANIFEST FORM

(3) USE THIS NUMBER ON
ALL CONTINUATION PAGES

VOLUME ALLOCATION NO PAGE
09-86-254A OF 1
3

CARRIER CNSI ADDRESS Barnwell, SC
TELEPHONE 803-259-1781 SHIPPING DATE 9-19-86
SHIPMENT TYPE Van SHIPMENT SURFACE EXPOSURE 5.2 mR/hr
CASK IDENTIFICATION NO USA/ NA
SHIPMENT NO 86-28-25 LINER SERIAL NO NA
DRIVER SIGNATURE M. Northcraft DATE 9-19-86

(6) TOTAL FOR EACH CLASS (WEIGHT IN POUNDS)	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
20.0	Radioactive Material, empty packages	UN2908
20.0	Radioactive Material, fissile, n.o.s. - Radioactive Material	UN2918
20.0	Radioactive Material, low specific activity, n.o.s. - Radioactive Material	UN2912
20.0	Radioactive Material, n.o.s. - Radioactive Material	UN2982
20.0	Radioactive Material, limited quantity, n.o.s. - Radioactive Material	UN2910
20.0	Radioactive Material, special form, n.o.s. - Radioactive Material	UN2974
20.0	Radioactive Material, instruments and articles - Radioactive Material	UN2911

(6) SHIPMENT TOTALS							(7) TOTAL SNM		
DISPOSAL VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES	ACTIVITY (10CFR20.311) Millicuries					SOURCE (Pounds)	ISOTOPE	GRAMS
		ALL ISOTOPES	TRITIUM	C 14	Tc 99	I 129		U 233	NP
150	30	NP	NP	NP	NP	NP	32.807	U 235	NP
								TOTAL	NP

(8) TOTAL PALLET VOLUME (CU FT) 26.5

(9) MINIMUM % FILL FOR STABILIZATION PROCESS NA

(10) WASTE DESCRIPTION Ore, slag, and ferro alloys mixed in soil/cement
(11) PHYSICAL FORM/ SOLIDIFICATION AGENT Solid - 19 drums, 1 drum cement
(12) CHEMICAL FORM AND NAME AND % OF CHELATING AGENT(S) OXIDE/ 0% Chel Agent

(14) ☒ Yes () No THIS VEHICLE IS CONIGNED EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(15) IMPORTANT: This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature Donald J. Hansen Date 9/19/86
Company Umetco Minerals

(16) Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low-level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No 097 as amended and the Nuclear Regulatory Commission's License No 12 13536-01 as amended and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment and further certification is made that the inspection revealed no items of non-compliance with all applicable laws rules and regulations

Date 9/19/86 By Donald J. Hansen
Title and Organization Consultant
Telephone No (716) 286-4028

CNSI USE ONLY

- ☒ This material meets all license requirements
☒ This material was disposed of in accordance with license
☐ Discrepancy

Date 9-26-86
Authorized Signature Daniel P. Miegowski Title H.P. SUP



Umetco Minerals Corporation

INTERNAL
CORRESPONDENCE



137 47TH STREET PO BOX 66 • NIAGARA FALLS NEW YORK 14302

ATTACHMENT 2

To (Name) Mr. K. E. Forrest
Umetco Minerals Corporation
Division Grand Junction, CO

Date October 1, 1986

Originating Dept

Location -

Area

Area

Answering Letter Date

Copy to Mr. J. F. Frost

Subject Dube Invoice
P. O. No. 250-07126

Dear Ken

The enclosed invoice from Dube Construction Company is approved for payment. The work covers the backfilling around Furnace No. 30 where radioactive slag had been removed. Hopefully, this is the last time we will require Dube's services.

Regards,


Donald J. Hansen

/mau
Enclosure

UCCNHT0002384

Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Paving - Black Top Driveways - Trenching - Building - Trucking

2267 LOCKPORT RD
SANBORN N Y 14132

SANBORN 731 3635

Oct. 1986

Umetco Minerals Corp.
137 47th Street
Niagara Falls N. Y. 14302
Attn Mr. Donald Hansen
P O. #250-07126

Job location
#6 Furnace Room

9/12/86

Ticket #6325	
Truck & driver 3 hrs. @ \$32.00 per hr	\$ 96.00
Del. 10 tons of # 2 R.O.C. @ \$4.75 per ton	\$ 47.50
Service truck	\$ 20.00
1 labor 3 hrs. @ \$14.00 per hr	\$ 42.00
Small tools	N/C
	<hr/>
	\$ 215.50
State tax (mat only)	\$ 3.33
	<hr/>
Total due	\$ 218.83
Thank You!	

Approved for payment
D. Hansen

TERMS 2% per month on unpaid balance

UCCNHT0002385

2267 Lockport Rd Sanborn, N Y 14132
Phones 731 3635 - 731 3616

[illegible]

RECEIVED BY



CHEMICAL WASTE MANAGEMENT, INC.
TECHNICAL SERVICE
P.O. Box 200
Model City, New York 14107

THAT ALL DEBTS
PLEASE PAY BY

net 30 days

ALL PAYMENTS
INTEREST AT THE
THE MAXIMUM RATE
WHICHEVER IS

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Ref. Cont. #250-07117
INVOICE NUMBER
00556 6/20/86

ATTACHMENT 3

Disposal of 75.69 tons of vanadium slag removed from
the Umetco site located at 137 47th St., Niagara Falls, NY
on June 18, 1986

Approved for payment
Diffensen 7/3/86
Charge # 34523-20301



REMIT TO
ADDRESS

P.O. Box 8000 Dept. 660
Buffalo, NY 14267

PLEASE PAY
THIS AMOUNT

\$13,548.00

ORIGINAL INVOICE

UCCNHT0002387



SCA Chemical Services, Inc.
Model City Facility
P O Box 200
1550 Balmer Road
Model City New York 14107
716/754-8231

June 20, 1986

UMETCO MINERALS CORPORATION
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Reference Cont.: #250-07117

Chemical Waste Management wishes to submit an invoice of \$13,548.00 for the disposal of 75.69 tons of vanadium slag removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on June 18, 1986

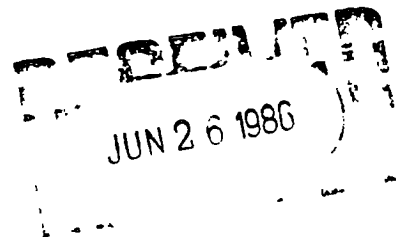
Attached please find three weight tickets verifying the tonnage of slag disposal at SCA/Chemical Waste Management, Model City, New York

Sincerely,

SCA CHEMICAL SERVICES, INC.
MODEL CITY FACILITY

Gary Shirley
Technical Service Manager

GS sls



UCCNHT0002388



SCA CHEMICAL SERVICES, INC.

1550 Balmer Road
P O Box 200
Model City, New York 14107

(716) 754-8231

CUSTOMER UMETCO

GROSS

===75680LB

WORK ORDER 106733

TARE

===35180LB

PROFILE F40590

HAULER Buffalo Fuel

40,500LB

TRUCK NUMBER 348

TRAILER NUMBER D49

NET

SCHEDULE TIME _____

RECEIVING: TIME IN 12 10 TIME OUT 12 15

INITIALS JC

EXPLANATION _____

LAB:

TIME IN 12 20 TIME OUT 13 15

INITIALS PR

EXPLANATION _____

PROCESSING: TIME IN 12 30 TIME OUT 13 41

INITIALS 1

EXPLANATION _____

OTHER:

TIME IN _____ TIME OUT _____

INITIALS _____

EXPLANATION _____

- DRIVER SIGNATURE J. Weaver

DEPARTURE TIME 2.30 pm

PLANT MANAGER SIG. _____

DATE 6-8-86

TOTAL CHARGES TO BE BILLED

BASE PRICE _____

DETENTION (excess time _____) _____

SPOTTING (No. of Days _____) _____

WASHING _____

OFF SPECS () (see attached) _____

OTHER _____

TOTAL _____

RECEIVED
JUN 26 1986



SCA CHEMICAL SERVICES, INC.

1550 Balmer Road
P O Box 200
Model City, New York 14107

(716) 754-8231

CUSTOMER Umetec

GROSS 72783LB

WORK ORDER 106734

TARE

PROFILE F60590

30783LB

HAULER BFC

TRUCK NUMBER 6564 TRAILER NUMBER D37

NET

SCHEDULE TIME

RECEIVING: TIME IN 12:30p TIME OUT 12:42p INITIALS AD

EXPLANATION

LAB: TIME IN 12:50 TIME OUT 13:15 INITIALS RZ

EXPLANATION

PROCESSING: TIME IN 12:15 TIME OUT 12:15 INITIALS L

EXPLANATION

OTHER: TIME IN TIME OUT INITIALS

EXPLANATION

DRIVER SIGNATURE Jeff [Signature] DEPARTURE TIME 2:35pm

PLANT MANAGER SIG. DATE 6/18/86

TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time)

SPOTTING (No. of Days)

WASHING

OFF SPECS () (see attached)

OTHER

TOTAL

JUL 2 1986

JUN 26 1986



SCA CHEMICAL SERVICES, INC.

1550 Balmer Road
P O Box 200
Model City, New York 14107

(716) 754-8231

CUSTOMER

Unitec

GROSS

=== 98667LB

WORK ORDER

106735

TARE

=== 29787LB

PROFILE

FL60590

HAULER

BFC

68,880 lbs

TRUCK NUMBER

333

TRAILER NUMBER

D53

NET

SCHEDULE TIME

RECEIVING:

TIME IN 12 43p

TIME OUT 12 47p

INITIALS

JOP

EXPLANATION

LAB:

TIME IN 12 55

TIME OUT 13 15

INITIALS

RZ

EXPLANATION

PROCESSING:

TIME IN 2 20

TIME OUT

INITIALS

/

EXPLANATION

OTHER:

TIME IN

TIME OUT

INITIALS

EXPLANATION

DRIVER SIGNATURE

Waller

DEPARTURE TIME

2:55pm

PLANT MANAGER SIG.

DATE

6/18/86

TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time)

SPOTTING (No. of Days)

WASHING

OFF SPECS () (see attached)

OTHER

TOTAL

JUN - 2 1986

RECEIVED
JUN 26 1986



SCA
CHEMICAL WASTE MANAGEMENT, INC.
TECHNICAL SERVICE
P.O. Box 200
Model City, New York 14107

net 30 days

ALL PAST DUE AMOUNTS WILL BE CHARGED AT
INTEREST AT TWO PERCENT PER MONTH OR
THE MAXIMUM RATE ALLOWED BY LAW,
WHICHEVER IS LESS

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

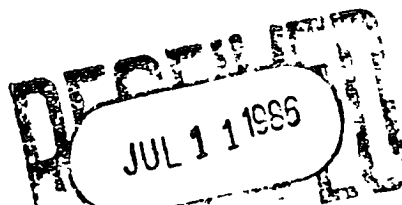
CUSTOMER ACCOUNT NUMBER

P.O. #250-07117

INVOICE NUMBER	INVOICE DATE	PAGE
00558	6/30/86	

ATTACHMENT 4

Disposal of 125 drums of Illmenite removed from Umetco site located
at 137 47th Street, Niagara Falls, New York on 6/19/86 and 6/20/86



REMIT TO
ADDRESS

P.O. Box 8000 Dept 660
Buffalo, New York 14267

PLEASE PAY
THIS AMOUNT

\$14,200

(PLEASE RETURN THIS COPY WITH YOUR REMITTANCE)

UCCNHT0002392



SCA Chemical Services Inc
Model City Facility
P O Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

June 30, 1986

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Dear Sir:

Chemical Waste Management wishes to submit an invoice of \$14,200.00 against P.O.#250-07117 for the disposal of 125 drums of Ilmenite, (Hazardous Waste Chemical), removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on 6/19/86 and 6/20/86.

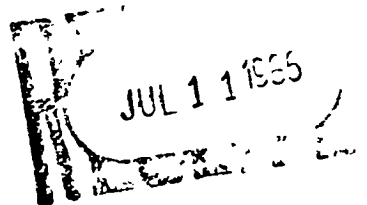
Please do not hesitate to contact me if I can be of further assistance.

Sincerely,

SCA CHEMICAL SERVICES, INC.
MODEL CITY FACILITY


Gary Shirley
Technical Service Manager

GS:sls



UCCNHT0002393

Dube Construction Co.**GENERAL CONTRACTORS AND BUILDERS*****Paving - Black Top Driveways - Trenching - Building - Trucking***2267 LOCKPORT RD
SANBORN N Y 14132

SANBORN 731 3635

Umeter Minerals Corp.
P.O. Box 66
137 47th St.
Niagara Falls, NY 14320*Charge #14523-217-20301*Job Location
Bldg. #24

5/21/86	Ticket #7312	Truck & Driver 5 hrs @ \$25.00 per hr	\$ 125 00
		Backhoe w/operator 5 hrs @ \$30.00 per hr	150.00
		Deliver 48.66 ton of ROC @ \$4.75 per ton	231.14
5/22/86	" #7311	Truck & Driver @ \$25.00 per hr - 5 hrs	125.00
		Backhoe w/operator 8 hrs @ \$30.00 per hr	240.00
		1 Labor 8 hrs @ \$14.00 per hr	112.00
		Deliver 24.31 ton of ROC @ \$4.75 per ton	<u>115.47</u>

Tax on material only 24.27

Total amount due \$ 1122.88

Thank you

RECEIVED

MAY 26 1986

PURCHASING DEPARTMENT

TERMS 2% per month on unpaid balance

UCCNHT0002394

Umetco Minerals Corporation

Mr. J. F. Frost

OCT 9 1986



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

October 3, 1986

Chem-Nuclear Systems, Inc.
Barnwell Operations
Osborn Road
Highway 64/P. O. Box 726
Snelling, SC 29812

Subject: Invoice No. 18360
Umetco Minerals Corporation

The enclosed invoice should have been mailed to Umetco Minerals Corporation, P. O. Box 1029, Grand Junction, CO 81502, Attn: Mr. K. E. Forrest, per the Contract Exhibit #250-07142 of the contract between Union Carbide Corporation and Chem-Nuclear Systems, Inc. (see page 4, last paragraph). A copy of the Exhibit is enclosed for your convenience.

I notice that the total charges on the invoice is \$6,822.05 which is \$1,021.15 more than the estimate in the Exhibit. It might save time if you were to explain this variance when you submit the invoice to Mr. K. E. Forrest.

Very truly yours,

Donald J. Hansen
Donald J. Hansen

/mau
Enclosures

Blind Copies

Mr. K E. Forrest
✓ Mr. J F. Frost

UCCNHT0002395



CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. 18360

BILLING LOCATIONS

2 ☐ CORPORATE & ENGINEERING
10602 N E 38th PLACE
QUAD ONE SOUTH/NORTH
KIRKLAND, WA 98033
(206) 827-0711

3 ☐ COMPLIANCE & TECH SERVICES
6135 BARFIELD ROAD
ATLANTA, GA 30328
(404) 393-4507

4 ☐ NORTHEAST OPERATIONS
3625 EGGERT RD
ORCHARD PARK, N Y 14127
(716) 662-2562

5 ☐ CHEMICAL OPERATIONS
STAR-ROUTE
ARLINGTON, OR 97812
(503) 454-2777

6 ☒ BARNWELL OPERATIONS
OSBORN ROAD
HIWAY 64 / P O BOX 726
SNELLING, S C 29812
(803) 259-1781

7 ☒

PLEASE REMIT TO
Chem Nuclear Systems, Inc
P. O. Box 1478
Columbia, S. C. 29202

8 **SOLD TO**
Umetco Minerals Corp.
PO Box 97
Niagara Falls, NY 14302

ATTN -Mr. L.C. Evans

AS #44177
AN #0986-254-A

CUSTOMER #	9 DATE	10 P O #	11 STATE CODE	12 MERCH CODE	13
80-100343	9-29-86	100-78972		480	
FOB	14 PROJECT #	15 ACCOUNT DIST	16 SHIP VIA	17	
BARNWELL	48000	N	86-2825	2824	

DESCRIPTION	AMOUNT
Services 9-22-86 for the disposal of radioactive waste materials at Barnwell, SC	
Use of Regular Van	Date shipped 9-19-86
Shipment #86-28-25	
176.5 cuft of radwaste x \$28/cuft (20 drums @ 7.5 cuft/drum & pallets totaling 26.5 cuft)	4,942.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (\$4,793.74)	115.05
Surcharge Imposed by the SC Budget and Control Board - 176.5 cuft x \$10/cuft	1,765.00
(Southeastern Regional Compact Tax of \$.84/cuft included in Disposal Charge)	
	6,822.05

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF ~~XX~~ PER MONTH
PLEASE MAKE ALL CHECKS PAYABLE TO

WGC

19 ☐ CHEM-NUCLEAR SYSTEMS, INC
P O BOX 1866
BELLEVUE, WA 98009

20 ☒ CHEM-NUCLEAR SYSTEMS, INC
P O BOX 1478
COLUMBIA S C 29202

CUSTOMER COPY

UCCNHT0002396

CONTRACT EXHIBIT # 250-07142

BROKERAGE AND PACKAGING SERVICE

I. Scope:

CNSI shall provide an experienced, qualified project team/individual(s) as outlined below at the Company's Niagara Falls, N.Y. facility. The team/individual(s) will coordinate, supervise and/or perform the packaging and shipment certification service as here described.

CNSI will inspect, mark, label, classify and survey the following inventory of waste: Approximately (20) 55 gallon drums of waste containing either soil, slag or samples of alloying agents contaminated with Natural Thorium and/or Natural Uranium. CNSI warrants that the services performed under this contract will comply with all applicable State, Federal and disposal site requirements pertaining to the transportation and disposal of the Company's waste. CNSI will supervise the loading and shoring of the properly prepared waste onto the CNSI provided van. CNSI will complete all shipping documents and notifications for signature by the Company.

The packaging and shipment certification operations shall be performed with equipment and by procedures to CNSI specifications only. CNSI will provide procedures for this complete evolution for review by the Company. Changes to those procedures requested by Company that impact the cost of the project shall be to Company's account.

Any deviation from the offering of this Exhibit which impacts the cost of performing the services offered shall be to the Company's account.

II. Responsibilities:

A. CNSI shall:

1. Provide one (1) qualified broker to perform the services described in Section I, Scope.
2. Provide transportation of the packaged radioactive waste to the Barnwell, South Carolina disposal site.
3. Provide radiological control equipment and supplies necessary to conduct packaging and shipment certification services, including protective clothing and radiation monitoring equipment.
4. Provide all required shipping documents, labels, and placards.

5. Provide assistance to the Company in obtaining permits, making shipment notifications or in communications/interfaces with Regulatory Agencies.
6. Provide materials, components and procedures in accordance with CNSI's Quality Assurance Program.
7. Provide Health Physics coverage and support required to conduct the packaging operations in a safe and proper manner.

B. The Company shall:

1. Provide adequate work space for: the performance of the packaging and shipment certification service; storage of packaged radioactive waste material, liners and packages; loading/unloading of shipping containers and/or transportation equipment; administrative work area; and personnel hygiene area.
2. Provide operators and the material handling capability for: the loading of packaged radioactive waste material into/on the shipping containers/equipment; the movement of items which include, but are not limited to, cask covers, liners, packaged material, etc.; and as necessary to support the packaging and shipment certification service.
3. Obtain, with CNSI's assistance, the necessary permits required to transport and dispose of the Company's waste.
4. Provide pallets, banding equipment, scales, shorings, etc., necessary to support the preparation of the waste for shipment.
5. Provide the labor necessary to support operations conducted under this contract.
6. Provide local and long distance telephone service for required business calls by CNSI personnel.
7. Provide electrical and water services as required.
8. Provide to CNSI, as requested, the following information concerning the Company's waste: physical characteristics, chemical and/or radiological composition, representative radiation and contamination levels or other information as deemed necessary by CNSI to satisfactorily perform services under this contract.

9. Provide assistance in maintaining CNSI's personnel radiation exposure as low as reasonably achievable (ALARA). This assistance includes, but is not limited to, Company providing required radiation shielding to maintain low background radiation shielding to maintain low background radiation dose rates in the work area. In addition, shielding may be required to shield CNSI technicians from Company's operations and the CNSI's packaging operations.
10. Provide qualified shipping containers and/or liners to package the Company's waste.
11. Provide packaging materials if required (i.e.- cement).
12. Provide the name of the Company employee designated to be responsible for coordination of the packaging and shipment certification services between CNSI and the Company.

Name Donald J. Hansen Company Umetco Minerals Corporation

Title: Asst. Director-Technology Phone No. 716/286-4028

III. METHOD OF CONDUCT:

- A. Company shall advise CNSI two (2) weeks prior to the packaging service requirements in order that a mutually agreeable and efficient schedule is produced. CNSI will make every reasonable effort to comply with Company's schedule.
- B. All packaging services shall conform to applicable CNSI's packaging procedures and applicable Company procedures.
- C. CNSI's personnel time shall be in accordance with a reasonable work schedule mutually agreed to by Company and CNSI. CNSI's personnel normal work schedule is eight (8) hours per day plus Company authorized overtime. The work schedule shall not exceed twelve (12) hours per day unless authorized by CNSI.
- D. CNSI's packaging operations shall be performed under the scope of Company's facility operating license.

IV. COMPENSATION

- A. CNSI will perform the services prescribed in this exhibit for the firm fixed price of.....\$ 2,500.00
- B. Cost for CNSI exclusive use transportation of the Company's waste from Niagara Falls to Barnwell, S.C.....\$ 4,000.00

- C. Based on the inventory of waste described in Section 1. Scope, disposal cost of the packaged waste per the current Barnwell rate schedule is estimated at.....\$ 5,800.80

NOTE: Included is a \$10.00/ft³ "Out of Compact" surcharge.

- D. Should Wastes be provided by Company in addition to those listed in this Exhibit resulting in the need for additional equipment or supplies, or should circumstances beyond CNSI control require CNSI personnel to remain at Company's facility in excess of the time listed in this exhibit, the following charges shall apply:

1. Personnel

For eight (8) hours/day of inspection, packaging review and certification services: \$450 per weekday

Holidays or Weekends \$525 per day

Additional hours beyond eight (8) hours in any day or service \$ 55 per hour

Travel hours, not to exceed sixteen (16) hours, to and from Company's facility \$ 50 per hour

Travel, lodging and living expenses At cost plus 15%

2. Equipment

- a. Equipment or supplies required to perform the work, either purchased or rented, shall be provided and delivered by CNSI and shall be billed to Company at invoiced cost plus a 20% management fee. CNSI shall notify Company's representative designated in II.B.4. above of the estimated cost of any such equipment or supplies in advance of making a commitment for such equipment or supplies.

- b. CNSI shall invoice Company for the Services provided herein at the completion of packaging operations or bi-weekly, whichever occurs first. Invoices shall be mailed to.

Umetco Minerals Corporation
P. O. Box 1029
Grand Junction, CO 81502
Attn: Mr. K. E. Forrest

NOTE: AS AN OPTION TO THE COMPANY, AND WITH CNSI'S CONCURRENCE, ITEMS CONTAINED UNDER SECTION II.B. WILL BE PROVIDED BY CNSI AT THE RATES SPECIFIED IN SECTION D ABOVE.

V. CONTRACT INTERPRETATION:

This Exhibit is part of the Contract referenced on the first page of this Exhibit and all General Terms and Conditions of that Contract are applicable to this Exhibit and to all Services performed pursuant to that Contract.

CHEM-NUCLEAR SYSTEMS, INC.

(CNSI)

By:

John A. Bender
Title: PROJECT Support Specialist

Date:

9/19/86

UNION CARBIDE CORPORATION

(Company)

By:

Donnie J. Hansen
Title: Consultant

Date:

9/19/86

OCT 17 1986

Umetco Minerals Corporation



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

October 14, 1986

Mr. C. T. Wentzel
Stratcor Minerals Corporation
P. O. Box 66
Niagara Falls, NY 14302

Subject: Niagara Environmental
Chrome Oxide-Vanadium Slag

Dear Craig:

On April 10 and 11, 1986, vanadium slag contaminated with chrome oxide was disposed of by Chemical Waste Management (SCA Chemical Services) under the direction of George Parker of U.S. Vanadium. A letter to D. G. Millenbruch from L. G. Evans, dated April 16, 1986, attesting to this and copies of the Hazardous Waste Manifests are attached.

This completes the obligation of Umetco Minerals to Stratcor Minerals Corporation as outlined in Exhibit E 3 c of the sales agreement between the respective corporations which reads: "(c) Chrome Oxide. Umetco further agrees to assume the cost of disposal of 64 drums of chrome oxide now located at the Niagara Falls Facility."

Would you and Dr. R. L. Miller as the designated members of the U.S. Vanadium coordination Committee please sign the second copy of this letter indicating the work has been completed to your satisfaction and return it to me.

Very truly yours,


Donald J. Hansen

ACCEPTED

U. S. VANADIUM

By: _____

Title: _____

By: _____

Title: _____

cc: Messrs. W. G. Beattie ✓ J. F. Frost T. J. Kagetsu. F. V. McMillen
D. G. Millenbruch R. L. Miller

UCCNHT0002402

Umetco Minerals Corporation

INTERNAL
CORRESPONDENCE



137 47TH STREET PO BOX 66 • NIAGARA FALLS NEW YORK 14302

APR 21 1986

CC: FVHL
✓ Fract
Done 5/1
E

To (Name) D.G. Millenbruch

Date April 16, 1986

Division

Originating Dept

Location

Area

Area

Answering Letter Date

Copy to C.T. Wentzel

Subject HAZARDOUS WASTE DISPOSAL

Dear Don

Mr. C.T. Wentzel has requested that I notify you upon completion of disposal of the contaminated Tungsten Moly Oxide (antimony) and Vanadium Slag (chrome).

→ Chrome oxide

Chemical Waste Management was contracted to dispose of both against UCC Contract No. 100-87717 and Release Nos. 84-615-31362 (\$21,884) and 84-615-31390 (\$7,365) respectively. The last of the material left the site on April 11, 1986.

If you require additional information, contact the undersigned on Unicom 631-3232.

Sincerely,

L.G. Evans

L.G. Evans

LGE/aba

items C & E
as Schedule A
of amendments
agmt.

UCCNHT0002403

P O Box 12820, Albany, New York 12212

Print or type

NYA 397765 1



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2000 0404 Expires 7 31 86

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No NY D094171154		Manifest Document No		2 Page 1 of 1		Information in the shaded areas is not required by Federal Law			
3 Generator's Name and Mailing Address UMETCO MINERALS CORP. 137 47th St. Niagara Falls, NY 14302						A State Manifest Document No NY A 399202 7					
4 Generator's Phone (716) 278-3232						B Generator's ID SAME					
5 Transporter 1 (Company Name) SCA CHEMICAL SERVICES						C State Transporter's ID					
6 US EPA ID Number NY D049836679						D Transporter's Phone (716) 754-8231					
7 Transporter 2 (Company Name)						E State Transporter's ID 67859-GK					
8 US EPA ID Number						F Transporter's Phone ()					
9 Designated Facility Name and Site Address SCA CHEMICAL SERVICES 1550 BALMER ROAD MODEL CITY NY 14107						G State Facility's ID					
10 US EPA ID Number NY D049836679						H Facility's Phone (716) 754-8231					
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12 Containers No. Type		13 Total Quantity		14 Unit Wt/Vol	
a HAZARDOUS WASTE SOLID NOS. ORM-E NA 9189						0220M		9720P		D007	
b											
c											
d											
J Additional Descriptions for Materials listed Above VANADIUM SLAG w/CHROME						K Handling Codes for Wastes Listed Above					
a						a <input checked="" type="checkbox"/> L					
b						b <input type="checkbox"/>					
c						c <input type="checkbox"/>					
d						d <input type="checkbox"/>					
15 Special Handling Instructions and Additional Information PRODUCT CODE: TEL F60659 WORK ORDER: 105582 INVOICE TECH SERVICES MODEL CITY											
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified packed marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment											
Printed/Typed Name VIC MUTO						Signature <i>Vic Muto</i>					
						Mo Day Year * 10/11/86					
17 Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name Donald A Isaacs						Signature <i>Donald A Isaacs</i>					
						Mo Day Year 10/11/86					
18 Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name						Signature					
						Mo Day Year					
19 Discrepancy Indication Space *omitted											
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19											
Printed/Typed Name Donna James						Signature <i>Donna James</i>					
						Mo Day Year 10/11/86					